COMMENTS

This issue represents the second and final installment of the series of papers assembled by Professor Mohamed Abdou on the U.S. Department of Energy (U.S. DOE)/Japan Atomic Energy Research Institute (JAERI) 10-yr collaborative program on fusion neutronics integral experiments. As Guest Editor, Professor Abdou and his colleagues worked very hard to put this issue together, and we are indebted to them and to the authors for providing this most comprehensive and vital resource to the fusion community.

As noted in the August 1995 companion issue, because of the large number of topics involved, it was necessary to divide the papers in this series. For a comprehensive overview of the results of this important collaborative project, readers should be sure to consult the earlier August issue as well as this one. Papers published in the August issue include "Japan Atomic Energy Research Institute/United States Integral Neutronics Experiments and Analyses for Tritium Breeding, Nuclear Heating, and Induced Radioactivity," "Characteristics of a Deuterium-Tritium Fusion Source on a Rotating Target Used in Simulated Fusion Blanket Experiments," "Design and Techniques for Fusion Blanket Neutronics Experiments Using an Accelerator-Based Deuterium-Tritium Neutron Source," "Measurements and Analyses of Decay Radioactivity Induced in Simulated Deuterium-Tritium Neutron Environments for Fusion Reactor Structural Materials," "Decay Radioactivity Induced in Plasma-Facing Materials by Deuterium-Tritium Neutrons," "Direct Nuclear Heating Measurements and Analyses for Structural Materials Induced by Deuterium-Tritium Neutrons," "Direct Nuclear Heating Measurements and Analyses for Plasma-Facing Materials," and "Neutronics Integral Experiments of Lithium-Oxide Fusion Blanket with Heterogeneous Configurations Using Deuterium-Tritium Neutrons."

As cited in the August issue, these papers are an outgrowth of a 10-yr U.S. DOE/JAERI collaborative research program on fusion neutronics. A wide range of topics from integral blanket experiments to direct nuclear heating measurements are included. This two-issue series should provide an important and lasting database for continued research in fusion neutronics.

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